

Fig. 1

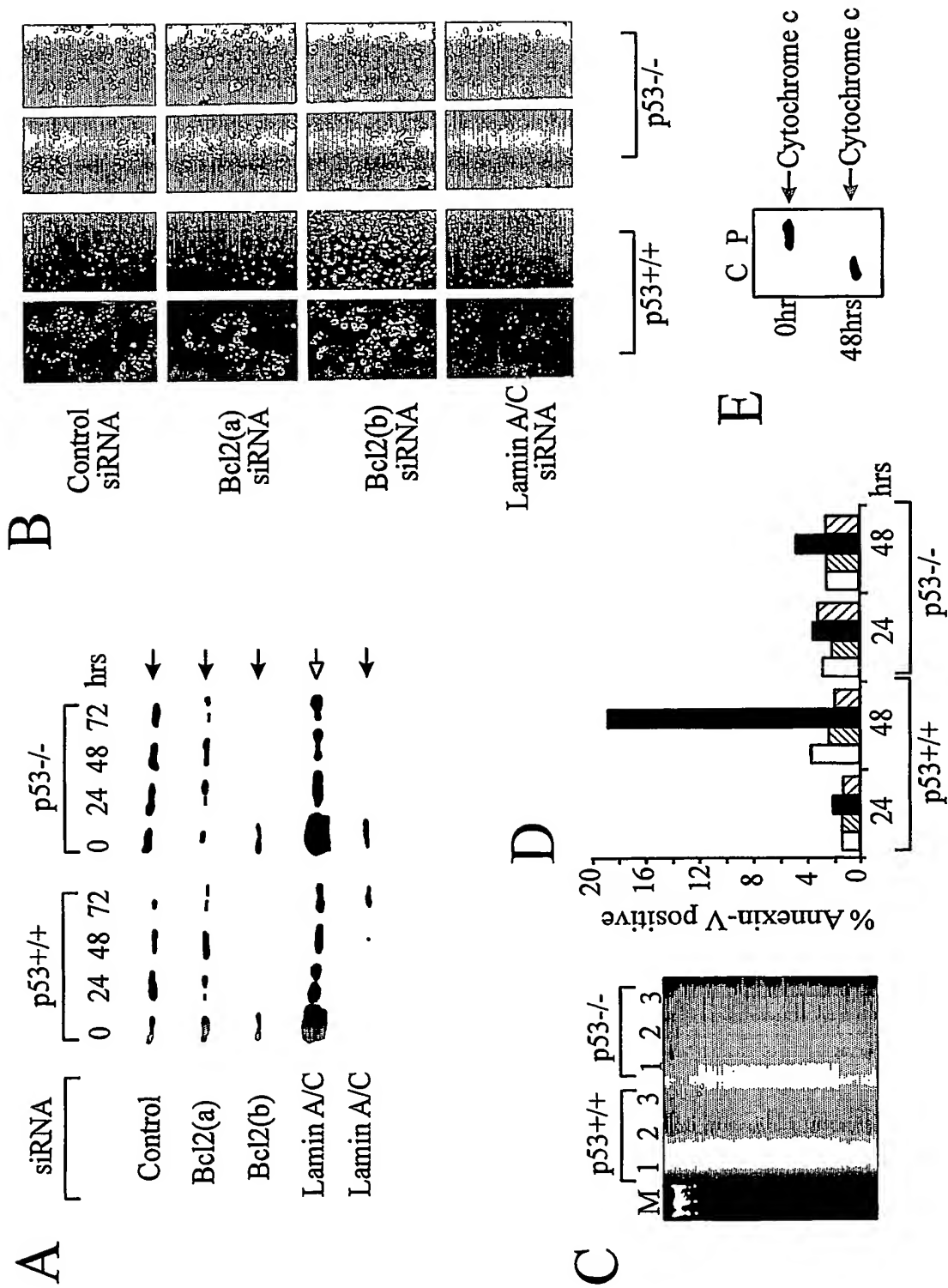


Fig. 2

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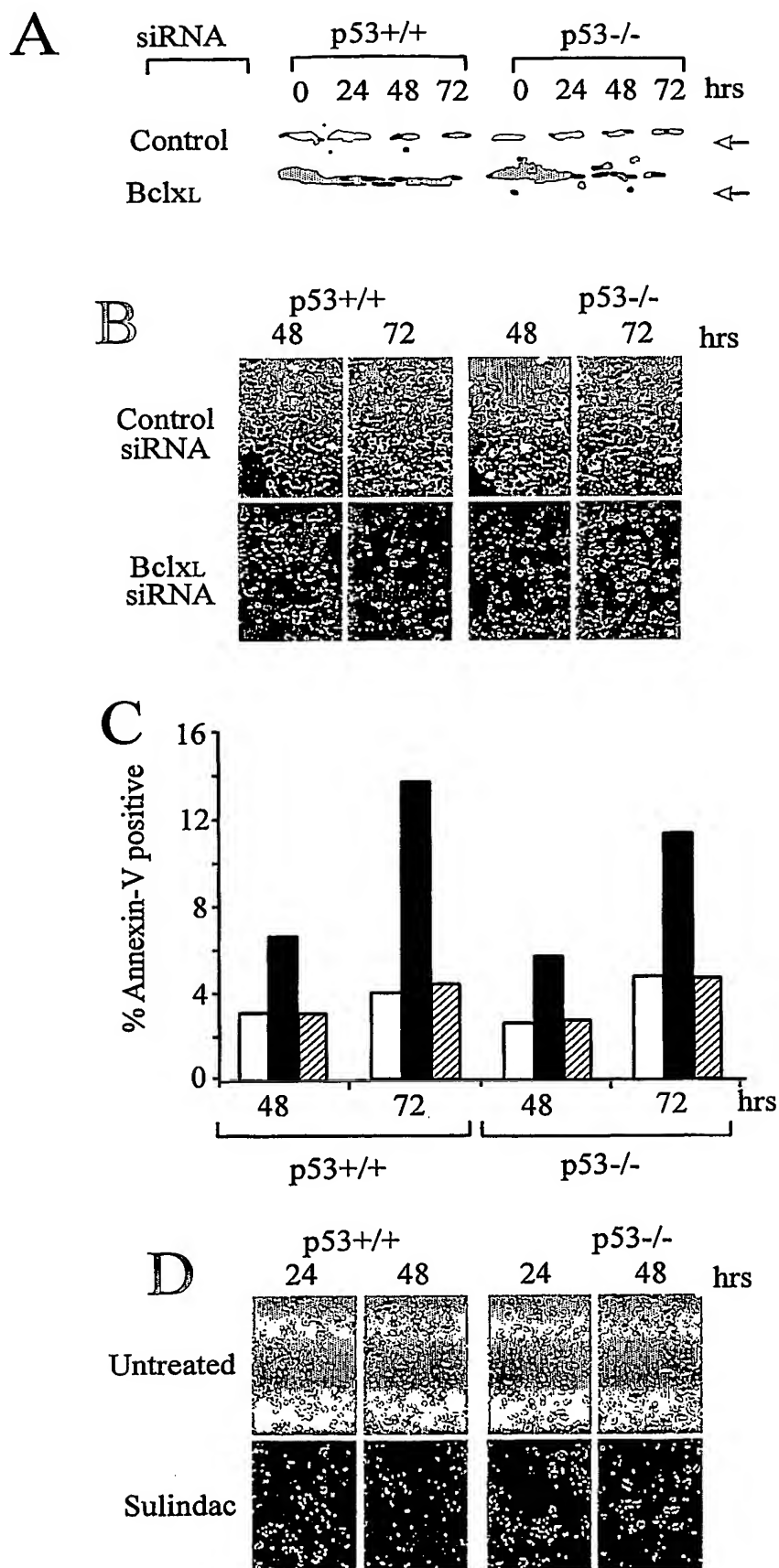
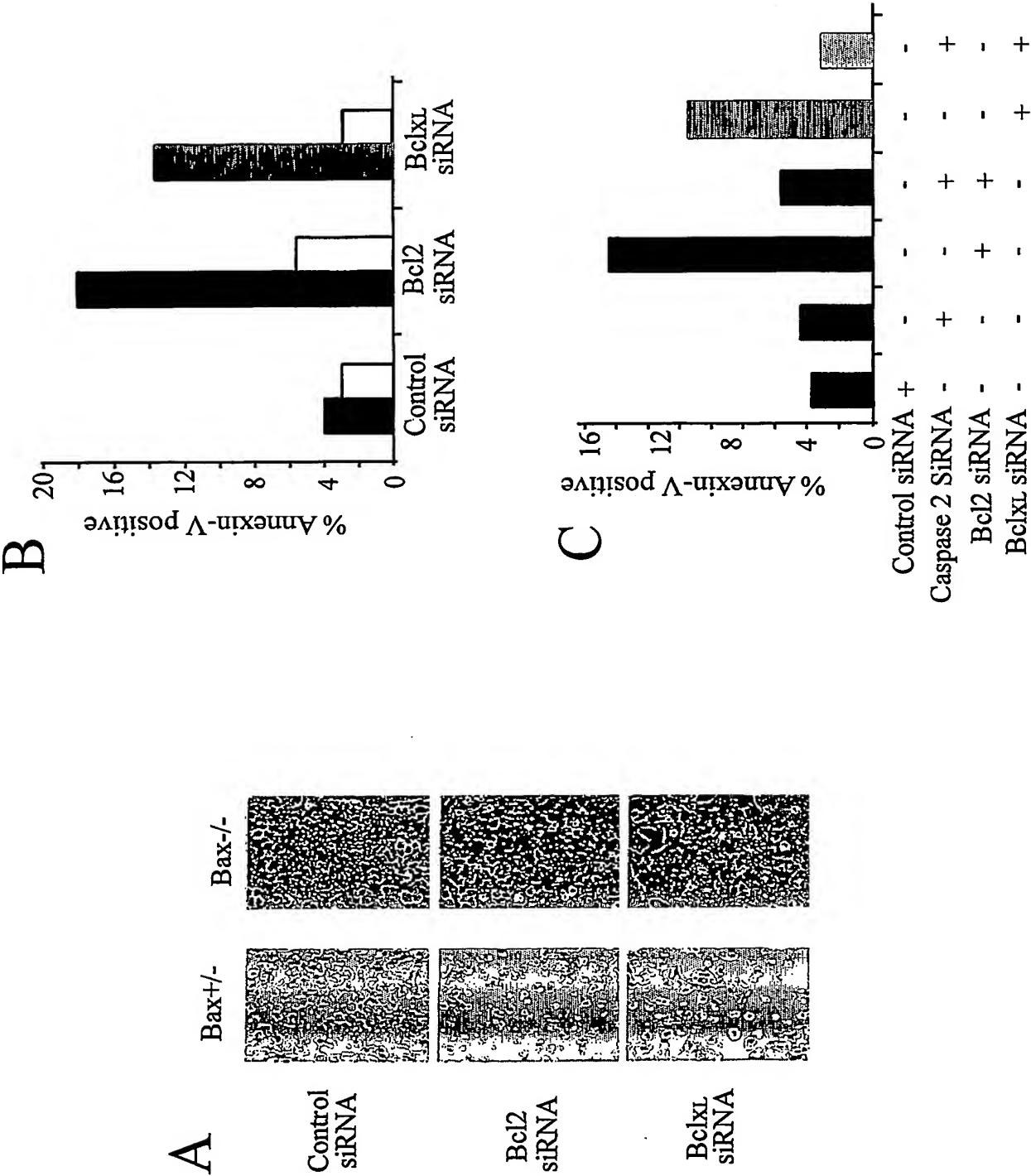


Fig. 3

Fig. 4



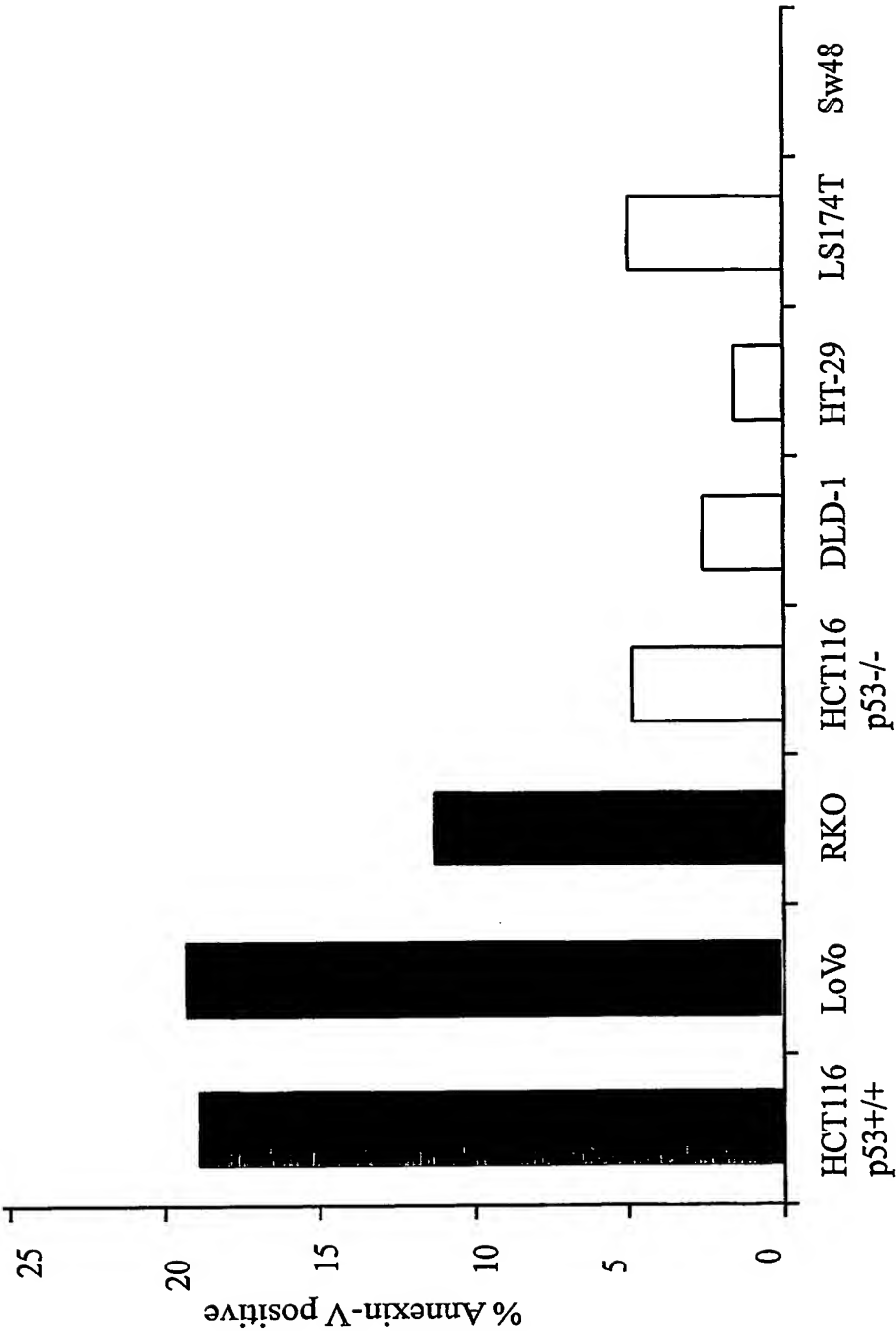


Fig. 5

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Figure 6a: Bcl2 alpha (720bps) (GenBank NM_000633)

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M  A  H  A  G  R  T  G  Y  D  N  R  E  I  V  M  K  Y  I  H
atg gcg cac gct ggg aga aca ggg tac gat aac cgg gag ata gtg atg aag tac atc cat

Y  K  L  S  Q  R  G  Y  E  W  D  A  G  D  V  G  A  A  P  P
tat aag ctg tcg cag agg ggc tac gag tgg gat gcg gga gat gtg ggc gcc gcg ccc ccg

G  A  A  P  A  P  G  I  F  S  S  Q  P  G  H  T  P  H  T  A
ggg gcc gcc ccc gcg ccg ggc atc ttc tcc tcg cag ccc ggg cac acg ccc cat aca gcc

A  S  R  D  P  V  A  R  T  S  P  L  Q  T  P  A  A  P  G  A
gca tcc cgg gac ccg gtc gcc agg acc tcg ccg ctg cag acc ccg gct gcc ccc ggc gcc

A  A  G  P  A  L  S  P  V  P  P  V  V  H  L  T  L  R  Q  A
gcc gcg ggg cct gcg ctc agc ccg gtg cca cct gtg gtc cac ctg acc ctc cgc cag gcc

G  D  D  F  S  R  R  Y  R  R  D  F  A  E  M  S  R  Q  L  H
ggc gac gac ttc tcc cgc cgc tac cgc cgc gac ttc gcc gag atg tcc agg cag ctg cac

L  T  P  F  T  A  R  G  R  F  A  T  V  V  E  E  L  F  R  D
ctg acg ccc ttc acc gcg cgg gga cgc ttt gcc acg gtg gtg gag gag ctc ttc agg gac

G  V  N  W  G  R  I  V  A  F  F  E  F  G  G  V  M  C  V  E
ggg gtg aac tgg ggg agg att gtg gcc ttc ttt gag ttc ggt ggg gtc atg tgt gtg gag

S  V  N  R  E  M  S  P  L  V  D  N  I  A  L  W  M  T  E  Y
agc gtc aac cgg gag atg tcg ccc ctg gtg gac aac atc gcc ctg tgg atg act gag tac

L  N  R  H  L  H  T  W  I  Q  D  N  G  G  W  D  A  F  V  E
ctg aac cgg cac ctg cac acc tgg atc cag gat aac gga ggc tgg gat gcc ttt gtg gaa

L  Y  G  P  S  M  R  P  L  F  D  F  S  W  L  S  L  K  T  L
ctg tac ggc ccc agc atg cgg cct ctg ttt gat ttc tcc tgg ctg tct ctg aag act ctg

L  S  L  A  L  V  G  A  C  I  T  L  G  A  Y  L  G  H  K  *
ctc agt ttg gcc ctg gtg gga gct tgc atc acc ctg ggt gcc tat ctg ggc cac aag tga

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Figure 6b: Bcl2 beta(618bps) (GenBank NM_000657)

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M  A  H  A  G  R  T  G  Y  D  N  R  E  I  V  M  K  Y  I  H
ATG GCG CAC GCT GGG AGA ACG GGG TAC GAC AAC CGG GAG ATA GTG ATG AAG TAC ATC CAT

Y  K  L  S  Q  R  G  Y  E  W  D  A  G  D  V  G  A  A  P  P
TAT AAG CTG TCG CAG AGG GGC TAC GAG TGG GAT GCG GGA GAT GTG GGC GCC GCG CCC CCG

G  A  A  P  A  P  G  I  F  S  S  Q  P  G  H  T  P  H  P  A
GGG GCC GCC CCC GCA CCG GGC ATC TTC TCC TCC CAG CCC GGG CAC ACG CCC CAT CCA GCC

A  S  R  D  P  V  A  R  T  S  P  L  Q  T  P  A  A  P  G  A
GCA TCC CGC GAC CCG GTC GCC AGG ACC TCG CCG CTG CAG ACC CCG GCT GCC CCC GGC GCC

A  A  G  P  A  L  S  P  V  P  P  V  V  H  L  A  L  R  Q  A
GCC GCG GGG CCT GCG CTC AGC CCG GTG CCA CCT GTG GTC CAC CTG GCC CTC CGC CAA GCC

G  D  D  F  S  R  R  Y  R  G  D  F  A  E  M  S  S  Q  L  H
GGC GAC GAC TTC TCC CGC CGC TAC CGC GGC GAC TTC GCC GAG ATG TCC AGC CAG CTG CAC

L  T  P  F  T  A  R  G  R  F  A  T  V  V  E  E  L  F  R  D
CTG ACG CCC TTC ACC GCG CGG GGA CGC TTT GCC ACG GTG GTG GAG GAG CTC TTC AGG GAC

G  V  N  W  G  R  I  V  A  F  F  E  F  G  G  V  M  C  V  E
GGG GTG AAC TGG GGG AGG ATT GTG GCC TTC TTT GAG TTC GGT GGG GTC ATG TGT GTG GAG

S  V  N  R  E  M  S  P  L  V  D  N  I  A  L  W  M  T  E  Y
AGC GTC AAC CGG GAG ATG TCG CCC CTG GTG GAC AAC ATC GCC CTG TGG ATG ACT GAG TAC

L  N  R  H  L  H  T  W  I  Q  D  N  G  G  W  V  G  A  S  G
CTG AAC CGG CAC CTG CAC ACC TGG ATC CAG GAT AAC GGA GGC TGG GTA GGT GCA TCT GGT

D  V  S  L  G  *
GAT GTG AGT CTG GGC TGA

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Figure 7

Human Bcl-xL mRNA (NM_138578)

atg tct cag agc aac cgg gag ctg gtg gtt gac ttt ctc tcc tac aag ctt tcc cag aaa
gga tac agc tgg agt cag ttt agt gat gtg gaa gag aac agg act gag gcc cca gaa ggg
act gaa tcg gag atg gag acc ccc agt gcc atc aat ggc aac cca tcc tgg cac ctg gca
gac agc ccc gcg gtg aat gga gcc act ggc cac agc agc agt ttg gat gcc cgg gag gtg
atc ccc atg gca gca gta aag caa gcg ctg agg gag gca ggc gac gag ttt gaa ctg cgg
tac cgg cgg gca ttc agt gac ctg aca tcc cag ctc cac atc acc cca ggg aca gca tat
cag agc ttt gaa cag gta gtg aat gaa ctc ttc cgg gat ggg gta aac tgg ggt cgc att
gtg gcc ttt ttc tcc ttc ggc ggg gca ctg tgc gtg gaa agc gta gac aag gag atg cag
gta ttg gtg agt cgg atc gca gct tgg atg gcc act tac ctg aat gac cac cta gag cct
tgg atc cag gag aac ggc ggc tgg gat act ttt gtg gaa ctc tat ggg aac aat gca gca
gcc gag agc cga aag ggc cag gaa cgc ttc aac cgc tgg ttc ctg acg ggc atg act gtg
gcc ggc gtg gtt ctg ctg ggc tca ctc ttc agt cgg aaa tga